

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/610,134

DATE: 05/14/2001
TIME: 10:16:48

Input Set : A:\5538-1010seqlisting.txt
Output Set: N:\CRF3\05142001\I610134.raw

3 <110> APPLICANT: Eric Potter Clarkson
 5 <120> TITLE OF INVENTION: Methods and compositions for desensitisation
 7 <13> FILE REFERENCE: 5538/1010
 9 <140> CURRENT APPLICATION NUMBER: US 09/610,134
 C--> 10 <141> CURRENT FILING DATE: 2000-05-07
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB99/00080
 13 <151> PRIOR FILING DATE: 1999-01-11
 15 <150> PRIOR APPLICATION NUMBER: GB/9800445.0
 16 <151> PRIOR FILING DATE: 1998-01-09
 18 <150> PRIOR APPLICATION NUMBER: GB/9820474.6
 19 <151> PRIOR FILING DATE: 1998-09-21
 21 <160> NUMBER OF SEQ ID NOS: 124
 23 <170> SOFTWARE: PatentIn version 3.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 17
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Felis catus
 30 <400> SEQUENCE: 1
 32 Leu Phe Leu Thr Gly Thr Pro Asp Glu Tyr Val Glu Gln Val Ala Gln
 33 1 5 10 15
 35 Tyr
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 16
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Felis catus
 43 <400> SEQUENCE: 2
 45 Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro Val Val Leu Glu Asn Ala
 46 1 5 10 15
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 17
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Felis catus
 53 <400> SEQUENCE: 3
 55 Lys Ala Leu Pro Val Val Leu Glu Asn Ala Arg Ile Leu Lys Asn Cys
 56 1 5 10 15
 58 Val
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 70
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Felis catus
 66 <400> SEQUENCE: 4
 68 Glu Ile Cys Pro Ala Val Lys Asp Arg Val Asp Leu Phe Leu Thr Gly
 69 1 5

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77 Met Thr Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile
78 50 55 60
80 Tyr Thr Ser Pro Leu Cys
81 65 70
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 92
85 <212> TYPE: PRT
86 <213> ORGANISM: Felis catus
88 <400> SEQUENCE: 5
90 Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala
91 1 5 10 15
93 Val Ala Asn Gly Asn Glu Leu Leu Lys Leu Ser Leu Thr Lys Val
94 20 25 30
96 Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys
97 35 40 45
99 Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met
100 50 55 60
102 Thr Thr Ile Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln Asn
103 65 70 75 80
105 Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg
106 85 90
108 <210> SEQ ID NO: 6
109 <211> LENGTH: 17
110 <212> TYPE: PRT
111 <213> ORGANISM: Felis catus
113 <400> SEQUENCE: 6
115 Glu Ile Cys Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly
116 1 5 10 15
118 Thr
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 17
123 <212> TYPE: PRT
124 <213> ORGANISM: Felis catus
126 <400> SEQUENCE: 7
128 Arg Ile Leu Lys Asn Cys Val Asp Ala Lys Met Thr Glu Glu Asp Lys
129 1 5 10 15
131 Glu
134 <210> SEQ ID NO: 8
135 <211> LENGTH: 16
136 <212> TYPE: PRT
137 <213> ORGANISM: Felis catus
139 <400> SEQUENCE: 8
141 Lys Met Thr Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys
142 1 5 10 15
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 16
146 <212> TYPE: PRT
147 <213> ORGANISM: Felis catus

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Input Set : A:\5538-1010seqlisting.txt
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151 Lys Glu Asn Ala Leu Ser Val Leu Asp Lys Ile Tyr Thr Ser Pro Leu
152 1 5 10 15
154 <210> SEQ ID NO: 10
155 <211> LENGTH: 16
156 <212> TYPE: PRT
157 <213> ORGANISM: Felis catus
159 <400> SEQUENCE: 10
161 Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala
162 1 5 10 15
164 <210> SEQ ID NO: 11
165 <211> LENGTH: 17
166 <212> TYPE: PRT
167 <213> ORGANISM: Felis catus
169 <400> SEQUENCE: 11
171 Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala Val Ala Asn Gly Asn Glu
172 1 5 10 15
174 Leu
177 <210> SEQ ID NO: 12
178 <211> LENGTH: 16
179 <212> TYPE: PRT
180 <213> ORGANISM: Felis catus
182 <400> SEQUENCE: 12
184 Gly Asn Glu Leu Leu Lys Leu Ser Leu Thr Lys Val Asn Ala Thr
185 1 5 10 15
187 <210> SEQ ID NO: 13
188 <211> LENGTH: 16
189 <212> TYPE: PRT
190 <213> ORGANISM: Felis catus
192 <400> SEQUENCE: 13
194 Leu Thr Lys Val Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys
195 1 5 10 15
197 <210> SEQ ID NO: 14
198 <211> LENGTH: 16
199 <212> TYPE: PRT
200 <213> ORGANISM: Felis catus
202 <400> SEQUENCE: 14
204 Thr Ala Met Lys Lys Ile Gln Asp Cys Tyr Val Glu Asn Gly Leu Ile
205 1 5 10 15
207 <210> SEQ ID NO: 15
208 <211> LENGTH: 16
209 <212> TYPE: PRT
210 <213> ORGANISM: Felis catus
212 <400> SEQUENCE: 15
214 Cys Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val
215 1 5 10 15
217 <210> SEQ ID NO: 16
218 <211> LENGTH: 16
219 <212> TYPE: PRT

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Input Set : A:\5538-1010seqlisting.txt
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222 <400> SEQUENCE: 16
 224 Ser Arg Val Leu Asp Gly Leu Val Met Thr Thr Ile Ser Ser Ser Lys
 225 1 5 10 15
 227 <210> SEQ ID NO: 17
 228 <211> LENGTH: 16
 229 <212> TYPE: PRT
 230 <213> ORGANISM: Felis catus
 232 <400> SEQUENCE: 17
 234 Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln Asn Thr Val
 235 1 5 10 15
 237 <210> SEQ ID NO: 18
 238 <211> LENGTH: 16
 239 <212> TYPE: PRT
 240 <213> ORGANISM: Felis catus
 242 <400> SEQUENCE: 18
 244 Ala Val Gin Asn Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg
 245 1 5 10 15
 247 <210> SEQ ID NO: 19
 248 <211> LENGTH: 320
 249 <212> TYPE: PRT
 250 <213> ORGANISM Dermatophagoides pteronyssinus
 252 <400> SEQUENCE: 19
 254 Met Lys Ile Val Leu Ala Ile Ala Ser Leu Leu Ala Leu Ser Ala Val
 255 1 5 10 15
 257 Tyr Ala Arg Pro Ser Ser Ile Lys Thr Phe Glu Glu Tyr Lys Lys Ala
 258 20 25 30
 260 Phe Asn Lys Ser Tyr Ala Thr Phe Glu Asp Glu Glu Ala Ala Arg Lys
 261 35 40 45
 263 Asn Phe Leu Glu Ser Val Lys Tyr Val Gln Ser Asn Gly Gly Ala Ile
 264 50 55 60
 266 Asn His Leu Ser Asp Leu Ser Leu Asp Glu Phe Lys Asn Arg Phe Leu
 267 65 70 75 80
 269 Met Ser Ala Glu Ala Phe Glu His Leu Lys Thr Gln Phe Asp Leu Asn
 270 85 90 95
 272 Ala Glu Thr Asn Ala Cys Ser Ile Asn Gly Asn Ala Pro Ala Glu Ile
 273 100 105 110
 275 Asp Leu Arg Glu Met Arg Thr Val Thr Pro Ile Arg Met Gln Gly Gly
 276 115 120 125
 278 Cys Gly Ser Cys Trp Ala Phe Ser Gly Val Ala Ala Thr Glu Ser Ala
 279 130 135 140
 281 Tyr Leu Ala Tyr Arg Asn Gln Ser Leu Asp Leu Ala Glu Gln Glu Leu
 282 145 150 155 160
 284 Val Asp Cys Ala Ser Gln His Gly Cys His Gly Asp Thr Ile Pro Arg
 285 165 170 175
 287 Gly Ile Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr
 288 180 185 190
 290 Arg Tyr Val Ala Arg Glu Gln Ser Cys Arg Arg Pro Asn Ala Gln Arg

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294      210          215          220
296 Ile Arg Glu Ala Leu Ala Gln Thr His Ser Ala Ile Ala Val Ile Ile
297 225          230          235          240
298 Gly Ile Lys Asp Leu Asp Ala Phe Arg His Tyr Asp Gly Arg Thr Ile
299          245          250          255
300 Ile Gln Arg Asp Asn Gly Tyr Gln Pro Asn Tyr His Ala Val Asn Ile
301          260          265          270
302 Val Gly Tyr Ser Asn Ala Gln Gly Val Asp Tyr Trp Ile Val Arg Asn
303          275          280          285
304 Ser Trp Asp Thr Asn Trp Gly Asp Asn Gly Tyr Gly Tyr Phe Ala Ala
305          290          295          300
306 Asn Ile Asp Leu Met Met Ile Glu Glu Tyr Pro Tyr Val Val Ile Leu
307          305          310          315          320
308 <210> SEQ ID NO: 20
309 <211> LENGTH: 146
310 <212> TYPE: PRT
311 <213> ORGANISM: Dermatophagooides pteronyssinus
312 <400> SEQUENCE: 20
313 Met Met Tyr Lys Ile Leu Cys Leu Ser Leu Leu Val Ala Ala Val Ala
314 1          5          10          15
315 Arg Asp Gln Val Asp Val Lys Asp Cys Ala Asn His Glu Ile Lys Lys
316 20          25          30
317 Val Leu Val Pro Gly Cys His Gly Ser Glu Pro Cys Ile Ile His Arg
318          35          40          45
319 Gly Lys Pro Phe Gln Leu Glu Ala Val Phe Glu Ala Asn Gln Asn Thr
320          50          55          60
321 Iys Thr Ala Lys Ile Glu Ile Lys Ala Ser Ile Asp Gly Leu Glu Val
322 65          70          75          80
323 Asp Val Pro Gly Ile Asp Pro Asn Ala Cys His Tyr Met Lys Cys Pro
324          85          90          95
325 Leu Val Lys Gly Gln Gln Tyr Asp Ile Lys Tyr Thr Trp Asn Val Pro
326          100         105         110
327 Lys Ile Ala Pro Lys Ser Glu Asn Val Val Val Thr Val Lys Val Met
328          115         120         125
329 Gly Asp Asp Gly Val Leu Ala Cys Ala Ile Ala Thr His Ala Lys Ile
330          130         135         140
331 Arg Asp
332          145
333 <210> SEQ ID NO: 21
334 <211> LENGTH: 261
335 <212> TYPE: PRT
336 <213> ORGANISM: Dermatophagooides pteronyssinus
337 <400> SEQUENCE: 21
338 Met Ile Ile Tyr Asn Ile Leu Ile Val Leu Leu Ala Ile Asn Thr
339 1          5          10          15
340 Leu Ala Asn Pro Ile Leu Pro Ala Ser Pro Asn Ala Thr Ile Val Gly
341          20          25          30

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\5538-1010seqlisting.txt

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:421 M 258 W: Mandatory Feature missing, <222> not found for SEQ ID#:22
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:473 M 258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:473 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1280 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID# 43
L:1280 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 43
L:3610 M 258 W: Mandatory Feature missing, <222> not found for SEQ ID# 91
L:3610 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 91
L:3613 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID# 91
L:3613 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 91
L:3634 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID# 92
L:3634 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 92
L:4955 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID# 112
L:4955 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 112
L:4958 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:112
L:4958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112